

What is claimed is:

[C1] A process for generation of physician notes for patient management via a programmable machine, the process comprising:

- inputting patient health data reflecting a current state of the patient and treatment objectives for the patient via formatted input options;
- receiving the patient health data in a healthcare system;
- creating a customized healthcare profile based on the patient health data;
- making the patient health data available throughout the healthcare system;
- remotely programming therapeutic monitoring and delivery systems to provide care to the patient.

[C2] The process of claim 1 wherein:

- inputting patient health data comprises inputting data on remote devices from group consisting of wired devices and wireless devices.

[C3] The process of claim 1 wherein:

- receiving the patient health data in a healthcare system comprises time stamping the patient health data when it is released by a physician; storing the time stamped patient health data throughout the patient care system.

[C4] The process of claim 3 wherein:

- remotely programming therapeutic monitoring systems comprises setting smart alarms automatically in patient monitoring systems based on the time stamped patient health data.

- [C5] A physician note system for entering patient health data:
- a patient health data input device;
  - a patient healthcare system connected to the patient health data input device;
  - structured data elements stored in the patient healthcare system, the structured data elements adapted to be made available to the patient health data input device;
  - means for completing and releasing applicable structured data elements; and
  - instructions in the patient healthcare system for making the released structured data elements to users having access to the patient healthcare system.
- [C6] The physician note system of claim 5 wherein:
- the patient health data input device comprises devices taken from the group consisting of wired devices and wireless devices.
- [C7] The physician note system of claim 5 wherein:
- means for completing and releasing applicable structured data elements further comprises
  - means for time stamping the patient health data when it is release by a physician; and
  - storing the time stamped patient health data throughout the patient care system.
- [C8] The physician note system of claim 5 further comprising:
- means for remotely programming therapeutic monitoring systems comprising setting smart alarms automatically in patient monitoring systems based on the time stamped patient health data.